Soumadip Basu

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Summary

Results-driven QA Consultant at Deloitte with 6+ years of expertise in software testing. Skilled in Adobe Experience Manager, Selenium, Appium, WebDriverIO, JavaScript, TypeScript, and Cucumber, delivering robust automated test solutions across Agile teams. Successfully enhanced efficiency and reliability by integrating AI agents with MCP servers and designing cutting-edge automation frameworks in prior roles at Alethea communication and Sonim Technologies. Passionate about leveraging Gen AI to elevate software quality and accelerate delivery.

Experience

10/2021 - Current

Deloitte - Bengaluru, India
Consultant & Ex Analyst

- Handled end-to-end QA activities for Adobe Experience Manager (AEM) projects, ensuring high standards in application quality and performance.
- Integrated AI Agents within the testing process to improve testing efficiency, automation coverage, and overall product reliability.
- Designed, developed, and executed automated test scripts for web and mobile applications using Selenium, Appium, WebDriverIO, JavaScript, TypeScript, and the Cucumber framework.
- Actively contributed to Agile ceremonies and collaborated with cross-functional teams to support rapid development cycles and timely deliveries.
- Conducted manual test execution to complement automation, delivering relevant and thorough test coverage.
- Performed both formal and informal verification of test protocols to maximize product quality and minimize defects.
- Documented and logged errors and defects in detailed test reports, ensuring clear communication and traceability.
- Maintained comprehensive test documentation, reports, and metrics throughout multiple project phases.

10/2020 - 10/2021

Alethea Communication Technologies Pvt. Ltd - Bengaluru, India
QA Automation Engineer

- Utilized Robot Framework & Python to build robust automation framework for Cloud ATF web application.
- Significantly reduced overall testing time through Katalon Studio & JavaScript automation framework

- Collaborated closely with the DevOps team to coordinate and execute test cycles, and provided detailed logs and reports to the Development team to aid in effective debugging and issue resolution.
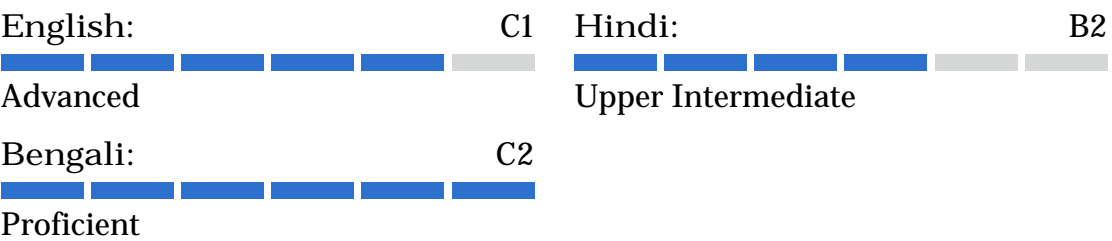
02/2019 - 04/2020

Sonim Technologies - Bengaluru, India
QA Engineer

- Collaborated with development and testing teams to create detailed test plans.
- Created detailed test cases, executed them on sprint and release builds, logged defects, and provided necessary logs to the development team to facilitate efficient debugging and resolution.
- Worked within an Agile environment, actively contributing to the timely delivery of high-quality mobile applications by ensuring robust testing practices.

Skills & Tools

- Functional testing
- API testing
- Automation testing
- Gen AI integration in testing
- AI agent integration with MCP
- Testing strategy, planning, and reporting
- Test case design and execution
- Defect management
- AI agent and MCP server integration
- AEM (Adobe Experience Manager)
- Selenium

- Appium
- WebDriverIO
- Postman
- Git
- Katalon Studio
- Python
- Cucumber
- JavaScript
- TypeScript
- Agile methodology

Languages

English: C1
Advanced

Hindi: B2
Upper Intermediate

Bengali: C2
Proficient

Education

2017

Maulana Abul Kalam Azad University of Technology - Kolkata, West Bengal
Bachelor: Electronics and Communication Engineering
CGPA: 7.65

2014	West Bengal State Council of Technical Education - Jalpaiguri, West Bengal
	Diploma: Electronics and Telecommunication Engineering
	Marks: 81.6%

Certifications

- Gen AI in Software Testing by Udemy.com
- WebDriverIO (Selenium JavaScript) Automation Testing from basics to Framework by Udemy.com
- Learn Git & Github by Codecademy.com
- Learn JavaScript by Codecademy.com